

THE TECH

VOL. XXVIII. No. 22

BOSTON, MASS., WEDNESDAY, NOVEMBER 18, 1908

PRICE THREE CENTS

PRESIDENT-ELECT STATES OPINIONS

**Believes More Roomy Site
Would Have Great
Advantages**

DESIRES DORMITORIES

**Systems as Used in Other Schools
Bring Men Into Closer
Relationship**

To an undergraduate of the Institute President-elect Richard C. Maclaurin granted an interview late last week in New York from which much of interest was developed as to the latter's plans for the future of the Institute.

He has no radical changes of policy to suggest. He would, perhaps, put a little more emphasis here, a little less there. But the institute that he sees and hopes for is a new institute built on the foundations of the old, an institute broadened and expanded, with increased facilities, meeting new problems as they arise, but preserving the traditions of the past and striving along the same general lines for the same great ends.

Proud of Institution.

The immediate need of the institute, he says in effect, is money. The institute has always felt that need. Dr. Pritchett felt it and those who preceded him. But Dr. Maclaurin believes it will be forthcoming. The institute, he says, has "grown out of its clothes." He does not think the people of Massachusetts and the alumni will allow it to remain in that condition. The growth he looks for is but a normal growth. All he insists on is that the institute shall not languish, that it shall keep advancing upward as it has in the past.

"The people of Massachusetts," he said, "certainly ought to be proud of the Institute. It is an institution of international reputation, an institution that has accomplished great things."

"As far as the plans for the future development of the Institute are concerned," he continued, "it is obvious that the main immediate need is a new site, new buildings and generally increased facilities. The Institute was begun in a small way and has gradu-

(Continued on page 2.)

DR. NOYES ABSENT

**Attending Important Meetings
in Baltimore and Washington**

Dr. Noyes, following the lead of the Dean, left last week to make a short trip for educational purposes. The first of this week, he is attending a series of meetings of the National Academy of Science, to be held in Baltimore. During the latter part of the week, he will meet with other representatives of the Land Grant Colleges in Washington.

The National Academy of Science is the American institution corresponding to the Royal Society of the old country. Both are honorary and are composed of those most prominent in scientific investigations. It is the purpose of the American members to make the new society hold as important a position in the growth of the country as has the older institution.

G. E. Hale 1890, and Dr. Noyes are the two Institute graduates at present connected with the society. Professor Krafts, who has a special research laboratory in the Institute, is also a member.

At the Washington meetings will assemble the representatives of the state institutions that receive grants from the government for aiding technical and agricultural study. The Institute receives one-third of all that comes to this state, and the State Agricultural College, the other two-thirds.

FRANCIS WILL BE AT SHOW DINNER

**Coach Coming to Boston This
Week to Address the
Men Saturday**

LYRIC COMPETITION

**Few Men Out to Write Verses for
This Year's Play—Chance
for More**

Coach James R. Francis is coming to Boston Friday and will be at the dinner Saturday night, according to his letter received yesterday. He will be ready to talk about the Show and about the competitions. Saturday afternoon he is to meet the men who are to write lyrics and talk with them. The program of speeches is a good one and the stage manager, R. F. Goodwin, has promised a good list of stunts.

The primary object of the dinner is to give the new men an idea of just what the Show is and what it means, and each of the departments will be fully explained. It is expected that it will be, as it always has been, the most popular dinner of the year. The names of the men who are to perform will be announced later.

But ten prospective lyric writers responded to the first call issued by Stage Manager R. F. Goodwin Monday afternoon. This is very disappointing to the management, who had expected twenty-five or more. The noticeable feature was that no freshman answered the call, as contrasted with other years when the entering class has been well represented.

Two more calls have been issued by the management, one for today from 3 to 4, the other on Friday at 4 o'clock. Both these meetings are to be held in the Show office, Room B, the Union. In order that the high standard of previous shows be maintained it is necessary to have as large a number of competitors as possible. With this end in view the management has issued the extra calls for lyric competition.

A list of suggested titles is to be sent to the competitors in a few days and until the time when rehearsals begin, all lyrics will be chosen by competition. The judges for the competition are Stage Manager Goodwin and Coach James Francis. After rehearsals begin, if a song is desired it will be given to the man who as a result of the competition, has shown himself to be best fitted. Thus the advantage of entering the competition early is evident.

It is considered a distinct honor—at the Institute to be connected with the

(Continued on page 3.)

CHESS CLUB TO PLAY

**Twenty Five Tech Men Will Meet
New England Champion**

A. S. Sussman, the New England chess champion, will meet 25 Technology chess players in simultaneous play next Saturday evening at the Union. All the arrangements for the match have been made by S. M. Schmidt, president of the chess club, but the required number of opponents have as yet not been procured. All Tech men having any knowledge of the game are urged to send their names to H. G. Jenks 1911, whereupon they will receive further information regarding the match.

A. S. Sussman played at the Jewish Peoples' Institute last week, winning 25 and playing three draw games simultaneously. At the same time he played another man blindfolded, giving up that play after the fifteenth move on account of the noise in the room. In addition to all this he held a hand in a game of whist, winning the card game also.

As the Roxbury Club withdrew there was no meet Monday night.

ROUSING SENDOFF FOR CROSS-COUNTRY

**Team to Leave Tomorrow
Afternoon for Intercol-
legiate Run at Princeton**

PROSPECTS ARE BRIGHT

**Faster Aggregation will Represent
Technology in Race Than
in Previous Years**

Tomorrow at 6:04, the team will leave Back Bay station to do their best toward establishing a name for Technology in cross-country running. From their work up to the present time, they seem to be a faster, more capable team than Technology has sent to Princeton in years; the men are all good conscientious workers and their record shows that they pull together wonderfully well.

Every Technology student with a spark of Tech spirit in him should turn out at the station to see these men start and send them off with rousing cheers ringing in their ears. If they know that the students stand back of them as a body, if they know that hundreds of men care about their work enough to come over and tell them so in tones of thunder, they will fight and they will win. If, on the other hand, a mere handful of lukewarm enthusiasts appear with a few weak-kneed grumbles, they cannot enter into the race with the same joy and hope that the men from Cornell and other teams with live, active supporters' will.

It is a duty and a privilege of every real Tech man to be on hand at Back Bay station at half-past five and cheer till the echoes ring. Technology's team will win if it is sent off right—not otherwise.

Every indication points to a good showing by the Technology team. The men have all been running strong and that the squad is well balanced was shown in the race with Harvard, when the majority of the Institute runners finished within a short distance of each other. H. H. Howland 1908, is by all odds the best man on the team, with McCarthy, Mills, and Jacobs running close behind him.

The Institute team will not score toward a cup or for medals this year, but the squad will be sent down to keep up interest in cross-country running and also to show the other members of the Intercollegiate Association that our team can be reckoned upon to compete with the best long distance men in the country with more than an equal chance of winning out.

So far the chances for first place seem to lie between Cornell and Michigan. The Western team includes some of the fastest men in the country and has been winning cross-country races for seven years. Cornell, by her victory over Yale, looms up as a possible winner. The Institute team looks good to come in among the first three, as the victory over the strong Harvard squad showed that Technology had one of the best teams in the East.

GEOLOGIST TO SPEAK

At the dinner of the Mining Engineering Society in the Union tonight, Mr. W. Luidgren, head of the geological survey at Washington, is expected to speak. Mr. Luidgren comes to the Institution to give a course of lectures, one lecture a week for five weeks, beginning this week, relating to his work. His talk at the dinner will probably deal with some particular mining district. Besides Mr. Luidgren, Professors Richards, Warren and Jaggard will speak.

1912—All distance and cross-country candidates report at Gymnasium, Thursday, 4:15 P. M.

E. E. SOCIETY ADMITS MANY NEW MEMBERS

**Commercial Uses of Electric
Furnace Discussed at
at Meeting**

PROF. THOMPSON SPEAKS

**Points Out Economic Applications
of Electro-Chemistry by
Various Governments**

The Electrical Engineering Society at a meeting in the Union last night, admitted about thirty new men to membership. The date of the annual dinner of the society was announced as Dec. 10, the speaker to be Mr. Ferguson, of the American Society of Electrical Engineers. The dues were changed from 50 cents a year to 50 cents a term. The society was then entertained by a talk on electro-chemistry, given by Prof. Thompson of the chemical department.

He said electro-chemistry had been rather neglected, but was now coming into prominence. He discussed the uses of the electric furnace in several practical chemical processes, such as the formation of sodium chloride, used in bleaching, calcium carbide, used in automobile lights, carborundum and the production of hydrogen and oxygen. A most interesting point was brought up in the use of the furnace to get nitrogen from the air for fertilizing purposes as that process is now being investigated by several governments with a view of its economic application. He closed by calling attention to the opportunities afforded for improvement in electro-metallurgy and in the dry battery.

Hearty applause at the close showed that the members enjoyed Professor Thompson's talk. Singing and refreshments brought the meeting to a close.

Y. M. C. A. GETS BUSY

Mr. J. B. Tarney of the Boston Central Y. M. C. A., addressed the Tech Y. M. C. A. in the Union Sunday. He spoke on the necessity of keeping one's religion, especially among college men. He said that there is a strong tendency for men in college to neglect attendance on religious exercises. After graduation they find, frequently to their sorrow, that they have lost their power of appreciation for these things. College graduates are needed for the successful administration of church affairs and should keep in touch with this work while in college.

A bible class under the efficient leadership of Rev. A. A. Stockdale was organized in the Union. Twelve men were present and began the study of the "Sermon on the Mount." The idea of the course is to consider the intrinsic value of this sermon as a speech with as little reference as possible to the circumstances of its delivery. The class will meet this week on Friday evening in the Union at 6:15, and will close promptly at 7 P. M.

CALENDAR

WEDNESDAY, NOV. 18.

4:00 P. M.—Meeting of Associate Editors and News Staff of The Tech in 30 C.

7:00 P. M.—Mining Engineering Society Dinner at the Union.

8:00 P. M.—Meeting of A. I. E. E. at Edison Building.

THURSDAY, NOV. 19.

1:00 P. M.—Meeting of Candidates for The Tech in 30 C.

1:30 P. M.—E. H. S. Club Meeting in 11 Pierce.

5:30 P. M.—Everybody at Back Bay Station to cheer Cross-Country.

FRIADY, NOV. 20.

6:30 P. M.—Bible Class at the Union.

EVERYONE AT BACK BAY STATION 5.30 TOMORROW

THE TECH

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Wednesday, November 18, 1908.

The Tech regrets to announce the resignation of Alexander Woodward Yerrance 1911, from the business staff.

With the sound of cheers and good-byes of hundreds of Tech men ringing in their ears, the cross-country team will leave the Back Bay station tomorrow afternoon. Arrangements have been made for the biggest sendoff in the history of the intercollegiate trip and it has been urged upon all undergraduates to be there. James H. Critchett, president of the senior class, will lead the cheering, and it is expected that Wm. B. Jenkins 1910, will be on hand to lead in the songs. The demonstration will begin at 5:30 P. M., in the Back Bay station.

NO PIPES FOR 1911

Institute Committee Defines Class Custom

At the meeting of the Institute Committee yesterday afternoon this body put itself on record as being of the sentiment that until its junior year no undergraduate class should be allowed to smoke class pipes until it had won a Field Day and that a class not winning Field Day should never be allowed to smoke class pipes on Rogers steps.

The report from the committee on the point system assigning points to the Union committee was accepted as follows: That the chairman of the dining room committee should be rated at nine points, the chairman of the house committee seven points, the chairman of the entertainment committee six points, and the members of the sub-committee of the Union committee four points.

Recommendations from the committee on bulletin boards were laid over till next meeting and the draft of the constitution presented by the sub-committee was accepted with amendments.

CLASS BASKETBALL

Many Freshmen and Sophomores Report as Candidates

The first call for class basketball candidates issued a few days ago has brought out a large number of men from both the freshmen and sophomore classes. Up to the present time more 1911 men have reported than candidates from 1912, but the freshmen will undoubtedly have a good team.

Last year basketball was the only sport in which 1911 proved superior to 1910, but this year they will require more practice than they had last season to procure a victory.

A system of regular practice will start in at the Gym after a meeting of the candidates, some time next week.

The men who have already expressed their intention of coming out for the teams are: 1911—Parker, Schatz, Williams, Wilson, Catching, Pearson, Livingston, Stevens, Hildebrand; 1912—Kenwick, Bennett, Chandler, Greenleaf, Bennis, Benson.

PRESIDENT STATES OPINION

(Continued from page 1.)

ally developed into an extremely important institution. The equipment which sufficed in the past is entirely inadequate today.

"If you look to the history of similar institutions in other countries you will find, I think, that in every case where an institution has outgrown its equipment a change to a new site and new buildings has been a turning point in its career. Such a change has often converted a comparatively obscure institution—into an important one.

"I don't think any one who understands the situation would be in favor of moving very far away. How far away the Institution will have to go is a matter which is really dependent upon the amount of support it is able to secure. In other words, the exact site to which the Institute will be moved will be determined very largely, in my opinion, by the condition of its finances.

"I think an Institute of Technology, to do its best work, should be in or near the centre of things. I should regret very much if the Institute were forced to move out into the country."

"Do you think a dormitory system would add to the efficiency of the Institute?"

"I think there is a great deal to be done in that direction. The social side of the Institute is one of the sides Dr. Pritchett did a great deal to improve. And it is an extremely important side of the Institute's activities. That, of course, would be one of the many advantages of a larger site. It would make it possible to provide in a somewhat more reasonable and satisfactory way for the accommodation of the students.

"If there were funds available I should be in favor of some type of dormitory system. There are many different dormitory systems, and all have their good points. The system in vogue in the old English universities is the ideal one, except—and that is a very important exception—that as managed in England it is expensive.

"The question of athletics is a very different one in a technological institute from what it is in a general university. I believe thoroughly in athletics for young men, with certain reservations.

"First, I believe that the young man must enter into athletics for the sake of his health. That is absolutely essential for every man of normal physique. In the second place, I believe he ought to enter into athletics to develop certain moral qualities which are best developed by taking part in games properly conducted.

"That is as far as I go. I don't approve of the extreme vogue of athletics in certain institutions, when it goes so far that a man thinks and dreams and talks of nothing but athletics."

His Trust in the Future.

Dr. MacLaurin summed up his hopes in the new Institute of Technology in these words:

"The experience of most similar institutions in other parts of the world is that a bold policy, a courageous policy of trust in the future is the wise one. To advance rapidly, an institution must not be afraid of its own development."

"The Institute of Technology has everything it could want in the shape of great traditions, distinguished and enthusiastic professors and alumni. I haven't any doubt that Massachusetts will see to it that, with these great assets, the Institute does not languish for lack of popular support."

REMEMBER REMEMBER REMEMBER

The Time—5.30 P.M. Tomorrow.

The Place—Back Bay Station.

The Occasion—Cross Country Team Leaves for Princeton.

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EUROPEAN AND AMERICAN PLANS

FRANCIS AT SHOW DINNER

(Continued from page 1.)

Tech Show. The names of all lyric and music writers appear in the score and on the program. Thus any fellow who feels that he can not spare the time to attend rehearsals may become connected with the Show by writing either lyrics or music.

Those who reported yesterday were Dudley Clapp 1910, W. D. Green 1909, O. B. Denison 1911, E. C. Vose 1911, A. L. Fabens 1909, Helen M. Longyear 1909, H. S. Osborne 1908, Rinker Kibbey 1908, J. H. Ruckman 1910, and W. J. Orchard 1910.

Clapp wrote some of the lyrics for last year's performance and was connected with the advertising department. Denison wrote music last year and was also in the chorus. Kibbey is well known for his inimitable impersonations in the show for four years. Fabens and Orchard have been in previous shows, Orchard having been a member of the dancing sextette for two years. Ruckman wrote the freshman history in Technique 1908, and is art editor of this year's annual.

N. Y. ALUMNI MEET

Technology to Have Share in
 College Clubhouse

The committee appointed by the New York alumni associations of Amherst, Brown, Dartmouth, Technology, Wesleyan and Williams to look into the matter of acquiring a club building to be used jointly by the alumni of these institutions, has issued a report saying that before anything definite can be done it is necessary to be in a position to negotiate with land-holders on precise terms, based on subscriptions actually made and available for immediate use.

The plan provides for a building which would contain the usual public rooms on the lower floors and also six large clubrooms to be reserved for the use of the alumni of the separate colleges, together with not less than 60 bedrooms. The terms for the purchase price are put at something like \$325,000. This would carry \$165,000 in a first mortgage and \$140,000 in a second mortgage. The committee invites subscriptions from interested alumni to the amount of \$72,000, an operating corporation to be formed under the state laws to take title to the property.

The Technology members on the building committee are George W. Kirtledge 1877, and Schuyler Schieffelin 1890.

UNION FACTS

Almost 1000 People Served Daily

Perhaps but few people realize that nearly 1000 students eat daily at the Union. The total attendance in the week ending Saturday, Nov. 14, is:

Sunday, Nov. 8	162
Monday, Nov. 9	965
Tuesday, Nov. 10	953
Wednesday, Nov. 11	995
Thursday, Nov. 12	927
Friday, Nov. 13	997
Saturday, Nov. 14	528
Total	5527

BIOLOGISTS TO DINE

Dr. Rickard will speak on "Opportunities of Tech men in Board of Health work," at a dinner of the Biological Society at the Trinity Court Petit Cafe this evening. Dr. Rickard is on the staff of the Board of Health laboratory and his talk will undoubtedly prove instructive as well as interesting to all present.

FACULTY NOTICES

SECOND YEAR; COURSE II.—Exercises in Wood Turning for Course II, Section 1, will begin on Friday, Nov. 27.

PHYSICAL LABORATORY—Students in Courses II, III, X and XIII, who have not already done so, should register in the Physical Laboratory Room 16, at once. Exercises for Courses II, X and XIII, will begin as per tabular view on and after Wednesday Nov. 25th.

COURSES II AND XIII—Prepare for first exercise Thermometry, Part 1. Laboratory Notes on Heat.

COURSE X—Procure Physical Laboratory Experiments, Part 1, Elements of the Precision of Measurements. Laboratory note book and paper. Prepare for first exercise, pp. 6-25, of Precision of Measurements. H. M. Goodwin.

METALLOGRAPHY—Lectures on metallography will begin Wednesday, December 2, and will be held Wednesdays, 12-1, and Thursdays, 4-4, in Rogers Building, Room 2.

THIRD YEAR; GERMAN II, COURSE III—Hour is changed from Saturday at 12, to Saturday at 11.

THIRD YEAR—The first exercises in Micro-Organisms will be held Thursday, November 19.

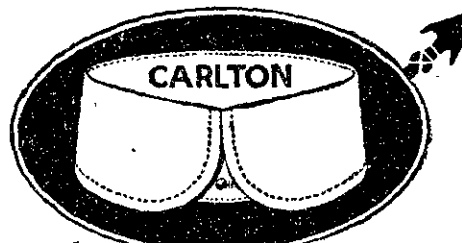
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The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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NOTICES

CLASS BASKETBALL—Candidates leave names at cage.

1911—All Relay men who ordered numerals on jerseys please pay Cooley at once.

CHEMICAL SOCIETY—Nov. 23, at 8 P. M. Speaker, Mr. Woodman; subject, Enforcement of National Food Laws.

ALL TECH STUDENTS are cordially invited to attend religious services in Temple Isreal on Saturday morning at 10:30, and on Sundays at 11:15.

E. H. S. CLUB—Meeting in Pierce at 1:30 P. M., tomorrow of former student of the Boston English High School. All such are requested to attend.

BIBLE CLASS—Mr. Stockdale's Bible class will meet in the Union Friday, from 6:15 to 7 P. M., to consider the practical value of "The Sermon on the Mount."

THE WOMAN'S SOCIETY OF TEMPLE ISREAL will welcome all the Jewish students at Tech to the informal reception and dance to be given in the vestry rooms of the Temple on Tuesday evening, Dec. 1, at 8 P. M.

HARE AND HOUNDS—Run this week over handicap course at Highland. Only one squad will run this week and the pace will be a slow jog so as to study the course. Leave Back Bay station at 2:22 P. M., Saturday. Round trip fare is 25 cents.

1909-1910-1911-1912—Any member of the Institute who plays chess or plays at chess, is invited to send his name to the Chess Club, care of Union Cage, as a candidate for the team of 25 men who will meet A. S. Sussman next Saturday night.

Members of the club may be consulted in the general room of the Union any day after 4 o'clock.

FACULTY NOTICE

LECTURES IN ECONOMIC GEOLOGY

Mr. Lindgren's lectures will be as follows, beginning on Monday, November 16th:—

Monday 2-3—(Followed by conference) Room 11, Engineering B.

Wednesday 12-1—Room 10, Engineering B.

Thursday 9-10—(Followed by conference) Room 11, Engineering B.

Thursday 2-4—(Conference and reports) Room 13, Pierce.

Friday 10-11—Room 11, Engineering B.

This work is required of all students in Course III, Option 3, fourth year. Officers and students of the Departments of Mining, Chemistry and Geology are cordially invited to attend the lectures.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

LOST—About 10 days ago: "Differential Equations." Please leave at Cage.

LOST—Please return umbrella taken from minerology laboratory Tuesday, to Cage for W. J. Seligman.

LOST—An umbrella in Rogers Building about a month ago. Marked R. H. Fox on handle. Return to Fox.

Will the person who took the I. O. F. pin from a freshman on the night of sophomore dinner please return it care of The Tech, 30 Eng C.

FOUND—Pair of blue cuffs with silver buttons in drawer to waiting desk at Union. Owner please identify same at Cage.

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